IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re patent application of: |) | • |
|-------------------------------|---|---------------------|
| |) | Before the Examiner |
| Jingsong Xia et al. |) | |
| |) | Not Yet Assigned |
| Serial No. Not Yet Assigned |) | |
| • |) | Group Art Unit |
| Filed November 4, 2003 |) | |
| · |) | Not Yet Known |
| ADAPTIVE EQUALIZER HAVING A |) | |
| VARIABLE STEP SIZE INFLUENCED |) | |
| BY OUTPUT FROM A |) | |
| TRELLIS DECODER |) | November 4 2003 |

PRELIMINARY AMENDMENT

MAIL STOP PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Prior to examination of the present application, please enter the following amendments:

"Express Mail" label number EL 984271132 US Date of Deposit November 4, 2003

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Erica L. Clark